

**RECEIVED  
CENTRAL FAX CENTER**

Oct-04-06 03:11pm From-Affymetrix, Inc.

OCT 04 2006

408 731 5392

T-042 P.001/003 F-387

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL  
FORM**

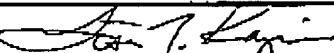
(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission	3	Attorney Docket Number	3047.2
--	---	------------------------	--------

**ENCLOSURES (check all that apply)**

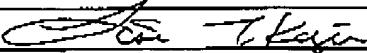
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	<input type="checkbox"/> Response to Restriction Requirement (2 pages)
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		
<b>Remarks</b>		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm	Affymetrix, Inc.		
Signature			
Printed Name	Lisa T. Kajisa		
Date	10/4/06	Reg. No.	57,518

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature	
Typed or printed name	Lisa T. Kajisa
Date	10/4/06

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 and select option 2.

Oct-04-06 03:12pm From-Affymetrix, Inc.

RECEIVED 408 731 5392

T-042 P.002/003 F-387

Application No.: 10/829,015

CENTRAL FAX CENTER

OCT 04 2006

Attorney Docket No. 3047.2/US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Mark Chee

Examiner: Steven C. Pohnert

Serial No: 10/829,015

Group Art Unit: 1634

Filing Date: April 20, 2004

Title: Iterative Resequencing

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

RESPONSE TO RESTRICTION REQUIREMENT

Sir:

In response to the September 7, 2006 Restriction Requirement, the Examiner is requiring an election between the following group of claims:

Group I: Claims 16-25, drawn to methods of analyzing target DNA by species comparison, classified in class 435, subclass 6.

Group II: Claims 26-29, drawn to methods of identifying functionally important elements, classified in class 435, subclass 6.

Applicants hereby elect without traverse of the invention of Group I: claims 16-25. Applicants reserve the right to re-present non-elected claims in a divisional, or other related application.

If the Examiner has any questions pertaining to this application or feels that a telephone conference would in any way expedite the prosecution of the application, please do not hesitate to call the undersigned at (408) 731-5000. Applicants respectfully request that a timely Notice of Allowance be issued in this case.

Oct-04-06 03:12pm From-Affymetrix, Inc.

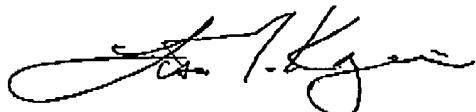
408 731 5392

T-042 P.003/003 F-387

Application No.: 10/829,015

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account 01-0431.

Respectfully submitted,



Date: October 4, 2006

Lisa T. Kajisa Reg. No.: 57,516

Customer No.: 22886